

Ser. No. 10/077,372

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01P09661US**Amended claims**

1. (Currently Amended) In a system supporting shared access to a plurality of concurrently operating applications by multiple users associated with one or more entities, a method performed by a data processor for monitoring individual application utilization, said method comprising the steps of:

~~during a time interval,~~

maintaining a first record of different users associated with an entity;

~~maintaining~~ a second record of different applications invoked by at least one of said different users;

maintaining a third record of use of an executable program employed by said different applications invoked by said at least one of said different users, said record of use supporting allocation of proportionate of usage of said executable program between by individual applications of said different applications; and

employing said first, second and third records for intermittently compiling data identifying operation usage characteristics of individual applications of said different applications by ~~particular users~~ said at least one of said different users associated with said entity in response to a predetermined processing operation event.

2. (Currently Amended) A method according to claim 1, including the step of

allocating proportion of usage of said executable program between said different applications by determining an estimate of relative duration of use of said executable program by individual applications of said different applications.

3. (Currently Amended) A method according to claim 2, including the step of

determining and recording weighting factors associated with individual applications of said different applications, said weighting factors representing an estimate of relative duration of use of said executable program by individual applications of said different applications.

Ser. No. 10/077,372

PATENT  
01P09661US

4. (Currently Amended) A method according to claim 1, wherein said step of intermittently compiling data comprises

intermittently compiling data identifying at least one of, (a) processor time used by an individual application, (b) a number of file accesses made by an individual application, and (c) a number of storage access requests made by an individual application .

5. (Currently Amended) A method according to claim 4, wherein said step of intermittently compiling data comprises

intermittently compiling data supporting identifying relative operation usage characteristics by an individual application as a proportion of said different applications.

6. (Currently Amended) A method according to claim 1, wherein said predetermined processing operational event comprises at least one of, (a) a data access request, (b) a storage access request, (c) termination of use of an individual application, (d) termination of a user operation session and (e) a periodically generated command.

7. (Original) A method according to claim 1, including the step of maintaining a fourth record associating a processing device with at least one of, (a) a user, (b) an entity and (c) an individual application.

8. (Currently Amended) A method according to claim 1, wherein said second and third records include data elements and said data elements of said second and third records are dynamically created during a session of operation.

9. (Original) A method according to claim 1, wherein said executable program employed by said different applications comprises a program providing a function shared by said different applications.

10. (Original) A method according to claim 1, wherein said entity comprises at least one of, (a) a customer, (b) a company, (c) an organization and (d) an identifiable group of users.

Ser. No. 10/077,372

PATENT  
01P09661US

11. (Currently Amended) In a system supporting shared access to a plurality of concurrently operating applications by multiple users associated with one or more entities, a method performed by a data processor for monitoring individual application utilization, said method comprising the steps of:

during a session of user operation,

maintaining a first record of different users associated with an entity;

maintaining a second record of different applications invoked by at least one of said different users;

maintaining a third record associating a processing device with said at least one of said different users; and

employing said first, second and third records for intermittently compiling data identifying at least one of, (a) processor time used by an individual application, (b) a number of file accesses made by an individual application, and (c) a number of storage access requests made by an individual application of said different applications by ~~particular users~~ said at least one of said different users associated with said entity in response to a predetermined processing operation event.

12. (Currently Amended) A method according to claim 11, including the step of

maintaining a fourth record for use in allocating proportionate of usage ~~to~~ by an individual application of an executable program shared by a plurality of said different applications.

13. (Currently Amended) A method according to claim 12, including the step of

allocating proportionate of usage of said executable program ~~between~~ by individual applications of said plurality of said different applications by determining an estimate of relative duration of use of said executable program by individual applications of said different applications.

14. (Original) A method according to claim 11, wherein said step of maintaining a third record includes

maintaining a third record associating said processing device with said entity.

Scr. No. 10/077,372

PATENT  
01P09661US

15. (Original) A method according to claim 11, wherein said first, second and third records are maintained in at least one of, (a) a single file and (b) a plurality of files.

16. (Currently Amended) A method according to claim 11, wherein said step of intermittently compiling data comprises

intermittently compiling data identifying at least one of, (a) size of storage employed by an individual application, (b) a number of input/output requests made by an individual application, and (c) a number of file deletion requests made by an individual application ~~and (d) storage size employed for user data.~~

17. (Currently Amended) In a system supporting shared access to a plurality of concurrently operating applications by multiple users associated with one or more entities, a method performed by a data processor for monitoring application utilization, said method comprising the steps of:

maintaining a first record of different users associated with an entity;  
maintaining a second record of different applications invoked by at least one of said different users;

maintaining a third record associating a processing device with said at least one of said different users;

employing said first, second and third records for intermittently compiling data identifying at least one of, (a) processor time used by an individual application, (b) a number of file accesses made by an individual application, and (c) a number of storage access requests made by an individual application of said different applications by particular users associated with said entity in response to a predetermined processing operation event; and

generating a record based on said compiled data.

18. (Currently Amended) A method according to claim 17, wherein said step of generating a record comprises

~~generating a record for use in at least one of, (a) billing an entity for usage of processing resources, (b) tracking system performance and (c) adaptively adjusting system characteristics to improve system performance.~~

Ser. No. 10/077,372

PATENT  
01P09661US

19. (Currently Amended) ~~A~~ In a user interface system for monitoring individual application utilization of a plurality of concurrently operating applications shared by multiple users associated with one or more entities, a method performed by a data processor comprising the steps of:

initiating display of a first image including a user selectable item for selecting display of image data representing processor utilization collated by individual application for a plurality of concurrently operating applications; and

in response to user selection of said item,

initiating display of a second image including compiled data identifying at least one of, (a) processor time used by an individual application, (b) a number of file accesses made by an individual application, and (c) a number of storage access requests made by an individual application of said plurality of concurrently operating applications.

20. (Original) A method according to claim 19, including the step of deriving said compiled data by intermittently generating data identifying operation usage characteristics of individual applications of said plurality of concurrently operating applications based on accumulated operation data records, said operation usage characteristics being collated for individual users associated with an entity.

21. (Currently Amended) A system for monitoring individual application utilization of a plurality of concurrently operating applications shared by multiple users associated with one or more entities, comprising:

a record processor for,

maintaining a first record of different users associated with an entity,

maintaining a second record of different applications invoked by at least one of said different users, and

maintaining a third record of use of an executable program employed by said different applications invoked by said at least one of said different users, said record of use supporting allocation of proportionate of usage of said executable program between by individual applications of said different applications; and

a data compiler employing said first, second and third records for intermittently compiling data identifying operation usage characteristics of individual applications of said different applications by ~~particular users~~ said at least one of said

Ser. No. 10/077,372

PATENT  
01P09661US

different users associated with said entity in response to a predetermined processing operation event.

22. (Currently Amended) A system for monitoring individual application utilization of a plurality of concurrently operating applications shared by multiple users associated with one or more entities, comprising:

a record processor for,

maintaining a first record of different users associated with an entity,

maintaining a second record of different applications invoked by at least one of said different users, and

maintaining a third record associating a processing device with said at least one of said different users; and

a data compiler employing said first, second and third records for intermittently compiling data identifying at least one of, (a) processor time used by an individual application, (b) a number of file accesses made by an individual application, and (c) a number of storage access requests made by an individual application of said different applications by ~~particular users~~ said at least one of said different users associated with said entity in response to a predetermined processing operation event.